



# ColdCube™

Flexible cooling solutions

MOBILE REFRIGERATED CONTAINERS  
FOR LAST MILE DELIVERIES AND PHARMACEUTICAL APPLICATIONS



TRANE  
TECHNOLOGIES



# Flexible cooling solutions

## Portable and mobile refrigeration

Increase the flexibility of your fleet by extending your transport options with Thermo King ColdCube™ containers. Perfectly sized for small vans, trucks, and trailers, these fully connected and portable units offer extremely precise heating, cooling, and freezing solutions for all applications, including pharma and last mile deliveries. With freezing, cooling and heating options available, ColdCube™ can be quickly combined with dry good transport for an easy answer to peak demand – while meeting all regulations.

### PHARMA LOGISTICS AND PACKAGING

- Biomedical product transport
- PharmaSolutions certification for Good Distribution Practice (GDP) compliance
- Can be combined in a PharmaKare service contract customized to your transportation needs

### PHARMA LAST-MILE DISTRIBUTION

- Ideal for transportation from distribution hubs centers to pharmacies and from wholesalers direct to patients
- PharmaSolutions certification for Good Distribution Practice (GDP) compliance

### LAST MILE DELIVERIES

- Optimize smaller load refrigeration by combining it with non-refrigerated products in vans, trucks, and trailers.

### RENTAL AND LEASING OPTION

- Useful during peak distribution periods
- Lower cost and flexible multi-temperature solution





# Features

Thermo King's ColdCubes™ have undergone years of extensive researching and testing, ensuring unmatched reliability, operating economy, and performance, even in the harshest conditions.

## FLEXIBLE FREEZING, COOLING, AND HEATING

- 3 temperature settings: freezing (min. > -21°C), cooling (> +0°C), and cooling and heating (+30°C to +0°C)
- Versatile to suit different applications and cargos
- Precision temperature control up to 1°C stability within the cargo space
- Reliable heating and cooling in all ambient conditions
- Homogenous air flow distribution

## SUSTAINABILITY

- Refrigerant gas R134a or R404A (depending on the model)
- High quality insulation up to 130mm thick

## CERTIFICATIONS

- GDP and ATP certifications for all sizes (GDP certifications from June 2025)
- Certified for CE, TUV, and ATP (FRCX, FRAX, and BRBX class depending on the model)
- 2 years warranty on parts and labor

## ADAPTED TO YOUR NEEDS

- Multiple standard configurations
- For operations and efficiency improvement

## DURABLE AND LIGHTWEIGHT

- One-piece construction for robustness, strength, and lightness
- Lighter than assembled containers
- Constructed from food-grade materials for hygienic operation and easy cleaning
- Easy to move with integrated handles and transport accessory kits

## CONNECTIVITY AND VISIBILITY

- Bluetooth turns your mobile device into a wireless user interface
- Precise temperature set-point control
- Easy viewing of temperature and status without opening the ColdCube™
- Use TouchLog to connect with TrackIng and TK Reefer for real-time visibility of your cargo



# Range

## Which ColdCube™ is right for you?

### POWER SUPPLY

#### Vehicle-powered

Refrigeration is powered by the vehicle's battery and includes an integrated power disconnecter to prevent discharging the vehicle's battery.

#### Battery-powered

The onboard battery maintains cooling or heating for up to 12 hours (1 battery) or 99 hours hours of autonomy (thanks to different battery types). Easy to recharge at any 115 or 230V AC outlet (only for 720L and 760L in cooling & heating).

#### Hybrid-powered

Refrigeration is powered by both the vehicle's battery and onboard battery power (only for 720L and 760L models and 720L and 760L models in cooling & heating).

## Choose your ColdCube™

### WHICH COLDCUBE™ CONFIGURATION WORKS BEST FOR YOU?

Our selection guide shows you the model best suited for your vehicle. Contact your Thermo King Dealer to select the best model and upgrades to suit your needs.

The COLDfigurator is available to help select the right Coldcube and its options and accessories.



Find your nearest dealer on [dealers.thermoking.com](https://dealers.thermoking.com)



## ColdCube™ models & shapes

We offer 5 models in total, all featuring front-opening doors.

### HORIZONTAL MODELS

- 140L
- 330L
- 720L

### VERTICAL MODELS

- 565L
- 760L

NEW

Maximize space and load capacity with flexible interior configurations:

- Fit to use up to three vertical models in parallel,
- Fill entire space with 720L models, designed to fit perfectly in all new Stellantis electric compact vehicles.





# Horizontal Range

CHOOSE FROM A RANGE OF FREEZING, COOLING & HEATING UNITS IN A VARIETY OF SIZES



SIZE	MODEL	POWER SOURCE	TEMPERATURE RANGE	ATP ATTEST	TOUCH-LOG	TK PN	ATP	INTERNAL DIMENSIONS (MM)	EXTERNAL DIMENSIONS (MM)	WEIGHT (KG)
140L	ColdCube 140 FDN 12/24V	Vehicle-powered	Down to -21°C	×	×	6100241		590 X 415 X 520	620 X 1 000 X 710	55
		Vehicle-powered	Down to -21°C	✓	×	6100268	FRCX	590 X 415 X 520	620 X 1 000 X 710	55
	ColdCube 140 NDH 12V	Vehicle-powered	From +30°C to +0°C	×	×	6100266		500 X 415 X 530	620 X 1 000 X 710	52
		Vehicle-powered	From +30°C to +0°C	✓	×	6100267	BRBX	500 X 415 X 530	620 X 1 000 X 710	52
	ColdCube 140 NDN 12/24V	Vehicle-powered	Down to +0°C	×	×	6100239		620 X 415 X 520	620 X 1 000 X 710	52
		Vehicle-powered	Down to +0°C	✓	×	6100265	FRAX	620 X 415 X 520	620 X 1 000 X 710	52
330L	ColdCube 330 FDN 12/24V	Vehicle-powered	Down to -21°C	×	×	6100245		780 x 615 X 675	1 000 X 1 020 X 910	83
		Vehicle-powered	Down to -21°C	✓	×	6100272	FRCX	780 X 615 X 675	1 000 X 1 020 X 910	83
	ColdCube 330 NDH 12V	Vehicle-powered	From +30°C to +0°C	×	×	6100270		680 X 615 X 675	1 000 X 1 020 X 910	80
		Vehicle-powered	From +30°C to +0°C	✓	×	6100271	BRBX	680 X 615 X 675	1 000 X 1 020 X 910	80
	ColdCube 330 NDN 12/24V	Vehicle-powered	Down to +0°C	×	×	6100243		810 X 615 X 675	1 000 X 1 020 X 910	80
		Vehicle-powered	Down to +0°C	✓	×	6100269	FRAX	810 X 615 X 675	1 000 X 1 020 X 910	80
720L	ColdCube 720 FDN 12V	Vehicle-powered	Down to -21°C	×	×	6100269		980 X 850 X 780	1 100 X 1 400 X 1 100	170
		Vehicle-powered	Down to -21°C	✓	×	6100277	FRCX	980 X 850 X 780	1 100 X 1 400 X 1 100	170
		Vehicle-powered	Down to -21°C	✓	✓	6100278	FRCX	980 X 850 X 780	1 100 X 1 400 X 1 100	170
	ColdCube 720 NDH 12V	Vehicle-powered	From +30°C to +0°C	×	×	6100274		865 X 850 X 800	1 100 X 1 400 X 1 100	149
		Vehicle-powered	From +30°C to +0°C	✓	×	6100275	BRBX	865 X 850 X 800	1 100 X 1 400 X 1 100	149
		Vehicle-powered	From +30°C to +0°C	✓	✓	6100276	BRBX	865 X 850 X 800	1 100 X 1 400 X 1 100	149
		Battery-Powered	From +30°C to +0°C	✓	✓	6100279	BRBX	980 X 850 X 780	1 100 X 1 400 X 1 100	205
		Vehicle and battery powered	From +30°C to +0°C	✓	✓	6100280	BRBX	980 X 850 X 780	1 100 X 1 400 X 1 100	215
	ColdCube 720 NDN 12/24V	Vehicle-powered	Down to +0°C	×	×	6100247		1 020 X 850 X 780	1 100 X 1 400 X 1 100	144
		Vehicle-powered	Down to +0°C	✓	×	6100273	FRAX	1 020 X 850 X 780	1 100 X 1 400 X 1 100	144

Dimensions: height x width x length





# Vertical Range

CHOOSE FROM A RANGE OF FREEZING, COOLING & HEATING UNITS IN A VARIETY OF SIZES



SIZE	MODEL	POWER SOURCE	TEMPERATURE RANGE	ATP ATTEST	TOUCH-LOG	TK PN	ATP	INTERNAL DIMENSIONS (MM)*	EXTERNAL DIMENSIONS (MM)*	WEIGHT (KG)
565L	ColdCube 565 FDN 12V	Vehicle-powered	Down to -21°C	×	×	6100284		1 300 X 505 X 760	1 650 X 725 X 1 220	142
		Vehicle-powered	Down to -21°C	✓	×	6100285	FRCX	1 300 X 505 X 760	1 650 X 725 X 1 220	142
		Vehicle-powered	Down to -21°C	✓	✓	6100286	FRCX	1 300 X 505 X 760	1 650 X 725 X 1 220	145
	ColdCube 565 NDH 12V	Vehicle-powered	From +30°C to +0°C	×	×	6100281		1 330 X 505 X 660	1 650 X 725 X 1 220	142
		Vehicle-powered	From +30°C to +0°C	✓	×	6100282	BRBX	1 330 X 505 X 660	1 650 X 725 X 1 220	142
		Vehicle-powered	From +30°C to +0°C	✓	✓	6100283	BRBX	1 330 X 505 X 660	1 650 X 725 X 1 220	145
	ColdCube 565 NDN 12/24V	Vehicle-powered	Down to +0°C	×	×	6100295		1 300 X 505 X 760	1 650 X 725 X 1 220	142
		Vehicle-powered	Down to +0°C	✓	×	6100296	FRAX	1 300 X 505 X 760	1 650 X 725 X 1 220	142
760L	ColdCube 760 FDN 12V	Vehicle-powered	Down to -21°C	×	×	6100290		1 230 X 600 X 960	1 580 X 820 X 1 420	165
		Vehicle-powered	Down to -21°C	✓	×	6100291	FRCX	1 230 X 600 X 960	1 580 X 820 X 1 420	165
		Vehicle-powered	Down to -21°C	✓	✓	6100292	FRCX	1 230 X 600 X 960	1 580 X 820 X 1 420	168
	ColdCube 760 NDH 12V	Vehicle-powered	From +30°C to +0°C	×	×	6100287		1 240 X 600 X 855	1 580 X 820 X 1 420	165
		Vehicle-powered	From +30°C to +0°C	✓	×	6100288	BRBX	1 240 X 600 X 855	1 580 X 820 X 1 420	165
		Vehicle-powered	From +30°C to +0°C	✓	✓	6100289	BRBX	1 240 X 600 X 855	1 580 X 820 X 1 420	168
		Battery-Powered	From +30°C to +0°C	✓	✓	6100293	BRBX	1 240 X 600 X 855	1 580 X 820 X 1 420	278
		Vehicle and battery powered	From +30°C to +0°C	✓	✓	6100294	BRBX	1 240 X 600 X 855	1 580 X 820 X 1 420	258
	ColdCube 760 NDN 12/24V	Vehicle-powered	Down to +0°C	×	×	6100297		1 230 X 600 X 960	1 580 X 820 X 1 420	157
		Vehicle-powered	Down to +0°C	✓	×	6100298	FRAX	1 230 X 600 X 960	1 580 X 820 X 1 420	157

\* Dimensions: height x width x length





COLDCUBE™

# TK PharmaSolutions



## Manage risks during pharmaceutical transport with ColdCube™ and TK PharmaSolutions.

The quality and reliability of pharmaceutical product shipments is critical for maintaining the quality and effectiveness of medicines. TK PharmaSolutions, Thermo King's comprehensive and dedicated expertise platform, addresses the precise needs of the pharmaceutical industry by delivering application know-how, Good Distribution Practice (GDP) compliance, and a broad spectrum of services.

**- GDP QUALIFIED AND VALIDATED EQUIPMENT:**

ColdCube™ delivers precise temperature control and is fully compliant with GDP guidelines for pharmaceutical transport.

**- GDP PROTOCOL:**

TK PharmaSolutions follows the European Medicine Agency's GDP guidelines to ensure that high product quality is maintained throughout the distribution chain.

**- 24/7 FLEET MONITORING:**

Shipments are tracked and traced in real-time to reduce the risk of damage, loss of quality, and wastage of high value medical and biological products.

# Performance-enhancing services & solutions

MAX  
YOUR  
COOL

COLDCUBE™

Maximize uptime, sustainability, savings, and control with Thermo King's smart services and digital solutions. Keep your unit performance up and worries down, all day, every day.

**LOOKING FOR YOUR MAX?**

Thermo King's certified dealers are at your service across Europe 24/7 thanks to our extensive network. Visit our website to locate your closest dealer.



Get your max at  
[europe.thermoking.com/  
max-your-cool](https://europe.thermoking.com/max-your-cool)

**+ MAXIMIZE YOUR UPTIME**

Avoid costly downtime and keep your units going and earning for longer.

**+ MAXIMIZE YOUR SUSTAINABILITY**

Limit your fleet's footprint and save energy.

**+ MAXIMIZE YOUR SAVINGS**

Reduce service and maintenance costs, and maximize your units' residual value.

**+ MAXIMIZE YOUR CONTROL**

Monitor and maintain critical cargo quality at every step of your journey.

## MAX your ColdCube™

Take your refrigeration to the max. Thermo King's complete range of upgrades for your ColdCube™ solution helps you to optimize your operations.



**CONNECTED SOLUTIONS  
COLDCUBE™ AND TELEMATICS**

Thermo King ColdCube™ empowers you to monitor and control your cargos with TrackKing and TK Reefer. Sensors provide real-time temperature data, track cargo position, and alert you if temperatures go out of range.



**UPGRADES**

Thermo King offers a wide range of factory-fitted and retrofitted upgrades for the ColdCube™. See the next page for more details.



**SERVICE CONTRACTS**

Experience peace of mind with ThermoAssistance, part of ThermoKare service contracts. This multilingual platform offers 24/7 support for Thermo King equipment to customers traveling abroad through the Thermo King dealer network.



**GENUINE PARTS**

Maintaining your Thermo King ColdCube™ is vital for its high performance, which is why we recommend using genuine Thermo King service parts.



# Upgrades

We offer a wide range of upgrades that are available factory-fitted and retrofittable to fully customize your ColdCube™ to your needs.

## Factory Options

### ADDITIONAL INTERNAL FAN

The extra fan helps with faster return to temperature setpoint after a door opening, and uniform temperature inside the container.

### WHEELS AND HANDLES

Facilitates moving and placing of the ColdCube™.

### TOUCHLOG

Connects with Tracking and TK Reefer for real-time visibility of your cargo.

### INTERNAL BATTERIES

Ensures extra flexibility with one or two internal batteries or a hybrid power solution.

## Retrofittable Accessories

### 1 SHELF

- Adjustable to suit the contents of your load.
- 30 kg capacity per shelf.
- Available for all sizes except top loaders.
- Can support Gastronorm Boxes.

### 2 TRANSPORT KITS

- Trolley: Provides ease of mobility.
- Pallet base: Allows for easier loading into truck or van.

### 3 BLUETOOTH MODULE

Load temperature conveniently monitored on your mobile device. Available for all units.

### 4 PLASTIC STRIP CURTAIN

Reduce cold air leakage when door is open. (Standard on certain Freezing, and Cooling & Heating models. Please check your model when ordering this accessory).

### 5 FIXING KIT/TIE DOWN KIT

Easily secures unit to vehicle floor.

### 6 INTERNAL FAN KIT

Ensures optimal ventilation inside the ColdCube™ for load protection.

### 7 AC/DC CONVERTER

Optional AC/DC converter to connect the ColdCube™ to a AC power source.

### 8 HANDLE LOCK KIT

Handle Lock Kit to stack ColdCubes.





# Upgrades

HORIZONTAL RANGE

			OPTIONAL (AT ORDER)		MAIN ACCESSORIES ON REQUEST						
SIZE	MODEL	INCLUDED WITH DELIVERY	EXTRA FAN	CASTORS KIT	AC/DC	SHELF	STRIP CURTAIN	HANDLE LOCK KIT	TROLLEY	STAINLESS STEEL RAISED FLOOR	PALLET BASE
140L	ColdCube 140 FDN 12/24V	DC Cord, evaporator protection, plastic strip curtain	047362	-	401422	936041	-	905634	6100202	-	-
		DC Cord, evaporator protection, plastic strip curtain	047362	-	401422	936041	-	905634	6100202	-	-
	ColdCube 140 NDH 12V	DC Cord, evaporator protection	-	-	401421	941359	6100219	905634	6100202	970498	-
		DC Cord, evaporator protection	-	-	401421	941359	6100219	905634	6100202	970498	-
	ColdCube 140 NDN 12/24V	DC Cord	047362	-	401421	936041	6100219	905634	6100202	-	-
		DC Cord	047362	-	401421	936041	6100219	905634	6100202	-	-
330L	ColdCube 330 FDN 12/24V	DC Cord, evaporator protection, plastic strip curtain	047362	-	401422	936042	-	903950	6100203	-	6100204
		DC Cord, evaporator protection, plastic strip curtain	047362	-	401422	936042	-	903950	6100203	-	6100204
	ColdCube 330 NDH 12V	DC Cord, evaporator protection	-	-	401421	941361	6100220	903950	6100203	970488	6100204
		DC Cord, evaporator protection	-	-	401421	941361	6100220	903950	6100203	970488	6100204
	ColdCube 330 NDN 12/24V	DC Cord	047362	-	401421	936042	6100220	903950	6100203	-	6100204
		DC Cord	047362	-	401421	936042	6100220	903950	6100203	-	6100204
720L	ColdCube 720 FDN 12V	DC Cord, evaporator protection, plastic strip curtain, 50 mm feet	047362	-	401423	935838	-	-	-	-	-
		DC Cord, evaporator protection, plastic strip curtain, 50 mm feet	047362	-	401423	935838	-	-	-	-	-
		DC Cord, evaporator protection, plastic strip curtain, 50 mm feet	047362	-	401423	935838	-	-	-	-	-
	ColdCube 720 NDH 12V	DC Cord, plastic strip curtain, 50 mm feet	-	-	401422	941365	-	-	-	970490	-
		DC Cord, plastic strip curtain, 50 mm feet	-	-	401422	941365	-	-	-	970490	-
		DC Cord, plastic strip curtain, 50 mm feet	-	-	401422	941365	-	-	-	970490	-
		Battery charger 25A@12V , eva. protection, plastic strips, 50 mm feet	-	-	-	941365	-	-	-	970490	-
		Ddc/dc charger 18A@12V , eva. protection, plastic strips, 50 mm feet	-	-	401423	941365	-	-	-	970490	-
	ColdCube 720 NDN 12/24V	DC Cord, plastic strip curtain, 50 mm feet	047362	-	401422	935838	-	-	-	-	-
		DC Cord, plastic strip curtain, 50 mm feet	047362	-	401422	935838	-	-	-	-	-

**Legend:**  
Option or accessory not available: -  
Option for a Coldcube Bluetooth Interface available for all models, reference 401420.





# Upgrades

VERTICAL RANGE

SIZE	MODEL	INCLUDED WITH DELIVERY	OPTIONAL (AT ORDER)		MAIN ACCESSORIES ON REQUEST						
			EXTRA FAN	CASTORS KIT	AC/DC	SHELF	STRIP CURTAIN	HANDLE LOCK KIT	TROLLEY	STAINLESS STEEL RAISED FLOOR	PALLET BASE
565L	ColdCube 565 FDN 12V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097990	401423	941363	-	-	-	-	-
		DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097990	401423	941363	-	-	-	-	-
		DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097990	401423	941363	-	-	-	-	-
	ColdCube 565 NDH 12V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	-	097990	401422	941362	-	-	-	970489	-
		DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	-	097990	401422	941362	-	-	-	970489	-
		DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	-	097990	401422	941362	-	-	-	970489	-
	ColdCube 565 NDN 12/24V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097990	401422	941362	-	-	-	-	-
		DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097990	401422	941362	-	-	-	-	-
760L	ColdCube 760 FDN 12V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097991	401423	940741	-	-	-	-	-
		DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097991	401423	940741	-	-	-	-	-
		DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097991	401423	940741	-	-	-	-	-
	ColdCube 760 NDH 12V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	-	097991	401422	941364	-	-	-	970491	-
		DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	-	097991	401422	941364	-	-	-	970491	-
		DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	-	097991	401422	941364	-	-	-	970491	-
		Battery charger 25A@12V , eva. protection, plastic strips, 100 mm feet	-	097991	-	941364	-	-	-	970491	-
		Dc/dc charger 18A@12V , eva. protection, plastic strips, 100 mm feet	-	097991	401423	941364	-	-	-	970491	-
	ColdCube 760 NDN 12/24V	DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097991	401423	941363	-	-	-	-	-
		DC Cord, evaporator protection, plastic strip curtain, 100 mm feet	047363	097992	401423	941363	-	-	-	-	-

Legend:  
Option or accessory not available: -  
Option for a Coldcube Bluetooth Interface available for all models, reference 401420.





COLDCUBE™

# Flexible cooling solutions

## WIDE AMBIENT RANGE

Covering 30°C to -21°C with cooling, freezing, and heating capabilities.

## PRECISE TEMPERATURE CONTROL

Maximum protection for low operating costs.

## FLEXIBLE AND AUTONOMOUS POWER

Power your unit with Vehicle DC Power, AC grid power, hybrid or autonomous (internal battery, 12h to 99h autonomy depending on models).

## REAL-TIME 24/7 VISIBILITY

Independent datalogger integration and possibility to connect to TrackIng and Bluetooth.

## ADAPTED TO CUSTOMER NEEDS

15 standard configurations, and custom options.



Thermo King – by Trane Technologies (NYSE: TT), a global climate innovator – is a worldwide leader in sustainable transport climate control solutions.

We engineer and provide cutting-edge technology and solutions with sustainability, reliability, and the customer experience in mind. Thermo King has provided transport temperature control solutions for various applications, including trailers, truck bodies, buses, air, shipboard containers, and railway cars since 1938.

For further information  
[europe.thermoking.com](http://europe.thermoking.com)

Find your nearest dealer on  
[dealers.thermoking.com](http://dealers.thermoking.com)

Thermo King Europe – Lenneke Marelaan 6, B-1932 Sint-Stevens-Woluwe, Belgium  
© 2025 Thermo King Europe TK 80131 (06-2025)-EN6

TRANE  
TECHNOLOGIES

